

# ABSTRACT OF SANITARY REPORTS.

VOL. X.

WASHINGTON, D. C., MARCH 29, 1895.

No. 13.

TREASURY DEPARTMENT, *United States Marine-Hospital Service*.—Published in accordance with act of Congress approved February 15, 1893.

## UNITED STATES.

[Reports to the Supervising Surgeon-General M. H. S.]

### *Smallpox in New York City.*

NEW YORK, March 25, 1895.

SIR: In compliance with your request the number of cases of smallpox, with number of deaths which have occurred in New York since February 9, is transmitted as follows: Week ending February 16, 1 case; February 23, 1 case; March 2, 1 death; March 9, 2 cases; March 23, 1 case.

Very respectfully,

EMMONS CLARK,  
*Secretary Health Department.*

### *Smallpox in New Orleans.*

NEW ORLEANS, LA., March 21, 1895.

SIR: I have the honor to report that 2 roustabouts from Mississippi River steamboat, suffering from smallpox, recently applied for relief at the Marine Hospital dispensary at this port. The cases were at once reported to the local health authorities, and the patients sent to the city pesthouse by the board of health. There are now 4 cases in hospital. As directed, the medical officer on duty at the dispensary now vaccinates all applicants for relief who are not properly protected.

Very respectfully,

HENRY W. SAWTELLE,  
*Surgeon, M. H. S.*

### *Smallpox in Wisconsin.*

MILWAUKEE, March 25, 1895.

SIR: I have the honor to report that the following concerning smallpox in this State has been received at this office during the week ending March 23, 1895: Sparta, Monroe County, 1 case; Milwaukee, Milwaukee County, 5 cases, 2 deaths. Total number of cases on hand in city of Milwaukee at the present time: In hospital, none; in homes, 8; total, 8.

Very truly yours,

U. O. B. WINGATE,  
*Secretary State Board of Health.*

*Smallpox in Texarkana, Ark.*

SHREVEPORT, LA., March 20, 1895.

SIR: I have the honor to inform you of the following reply by J. E. Edwards, mayor of Texarkana, Ark., to a telegram from the board of health of this city inquiring whether smallpox was in Texarkana, as reported by passengers arriving here yesterday on the *Cotton Belt*:

"Two suspicious cases 2 miles from city. Under guard.—J. E. EDWARDS, *Mayor.*"

I am, sir, very respectfully,

A. R. BOOTH,  
*Acting Assistant Surgeon, M. H. S.*

*Contradiction of Press Reports of Variola at Yale University.*

NEW HAVEN, CONN., March 23, 1895.

SIR: Replying to your communication, I would say there are very strong reasons for believing that there has been no form of variola in Yale University recently.

About five or six weeks ago a student, feeling ill, went to his home in Windsor Locks. His physician told him he had chicken pox, permitted him to go about, even to church. After a few days some of the vesicles matured, and the doctor changed his diagnosis and called it varioloid. The local health officer reported it so to me, and I notified your office of it. A very thorough vaccination of the inmates of the university was carried out.

Within two weeks two other students went home. Reports from each of them were soon received that they had varioloid. One of them was under the care of Dr. Delafield, of New York, who diagnosed it varicella and *not* varioloid. His diagnosis was confirmed by the health authorities of the health department of the city. The New York and Windsor Locks young men were very close companions before they went to their homes.

The other student went to Andover, Mass. He, too, was intimate with the Windsor Locks youth and slept in his bed after he left it and before he had been heard from. The daily papers had not failed to announce each of these cases in turn under the headline "Varioloid in Yale University."

The vaccination of the Andover boy took very thoroughly and was accompanied by a copious eruption appearing on the eighteenth day after the student went to his home in Windsor Locks. "At that time the vaccination was under full headway. It appeared first near the sore and on the chest, spreading from there over the body, not developing simultaneously but progressively, and giving no diagnostic points that would justify the diagnosis of varioloid." (Dr. Foster is his New Haven physician.)

Now as to the first case from which the others were supposed to have contracted their infections. The one in Windsor Locks. There can be little doubt that the first diagnosis of his physician was correct. For, about two weeks after he went home, his sister was taken ill with typical chicken pox. This case was not reported to me officially, as it should have been if it had been regarded as varioloid. The father described the eruption as transparent little water blisters, which did not suppurate nor leave any scars, and which were not preceded by papules.

In view of these facts the inference seems justifiable that two of the

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cases at least, were chicken pox, and that the other, whatever it was, was not varioloid.

These are all the cases that have occurred having any connection with Yale University, and none of them were believed to be variolous until they reached their homes.

Very sincerely, yours,

C. A. LINDSLEY,  
*Secretary State Board of Health.*

*Smallpox and Cerebro-Spinal Meningitis in Kentucky.*

BOWLING GREEN, KY., March 25, 1895.

SIR: I take pleasure in complying with your request. One of our inspectors has just returned from Floyd County. The disease there was cerebro-spinal meningitis, and the epidemic is about at an end. There were 25 cases and 20 deaths.

Twenty-five cases of smallpox have occurred at Lexington, with 3 deaths. The disease is under control. Four cases have occurred at Ashland, with 1 death. Isolation and general vaccination were practiced at both places. One case is reported from Princeton to-day, with a number of exposures. With one exception the disease has been confined to negroes.

Very respectfully,

J. N. McCORMACK,  
*Secretary State Board of Health.*

*Smallpox in Arkansas.*

LITTLE ROCK, ARK., March 24, 1895.

SIR: I have the honor to report as follows concerning the smallpox in Arkansas. At Hot Springs: Cases to March 15, 1895, 115; reported during the week, 3; total to date, 118. Deaths to March 15, 1895, 26; reported since, 1; total deaths, 27. No changes in reports from Brinkley, Donaldson, or Malvern. One case is reported at Camden.

Very respectfully,

L. P. GIBSON,  
*Acting Assistant Surgeon, M. H. S.*

*One case of Smallpox in Wheeling, W. Va.*

WHEELING, W. VA., March 25, 1895.

SIR: Another marine smallpox case from Pennsylvania discovered Sunday morning. \* \* \*

J. G. WALDEN,  
*Health Officer.*

*Smallpox in Vicksburg, Miss.*

VICKSBURG, MISS., March 26, 1895.

SIR: A colored seamen from steamer *John K. Speed*, from Cincinnati, was admitted to hospital here yesterday, suffering from smallpox. Case is isolated and precautions taken to prevent spread of the disease.

S. D. ROBINS,  
*Acting Assistant Surgeon, M. H. S.*

*Report of Immigration at New York for the Week ended March 23, 1895.*

**OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of New York, March 25, 1895.**

*Number of Alien Immigrants who Arrived at this Port during the Week ended March 23, 1895; also Names of Vessels and Ports from which they Arrived.*

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1895.				
Mar. 17	Steamship Weimar.....	Bremen .....	133	340
Mar. 18	Steamship La Gascogne.....	Havre .....	316	316
Do...	Steamship Phenicia.....	Hamburg .....	251	368
Mar. 20	Steamship Fulda.....	Bremen .....	23	150
Do...	Steamship Normannia.....	Genoa.....		625
Mar. 21	Steamship Westernland.....	Antwerp .....	13	339
Do...	Steamship Ethiopia.....	Glasgow .....	1	79
Do...	Steamship Werkendam.....	Rotterdam .....	79	276
Do...	Steamship Lahn.....	Bremen .....	3	235
Do...	Steamship Majestic.....	Liverpool and Queenstown .....	2	632
Mar. 22	Steamship Willehad.....	Bremen .....	96	324
Mar. 23	Steamship Paris.....	Southampton .....	4	546
Do...	Steamship Neustria.....	Marseilles and Naples .....		276
	Total .....		605	4,506

Dr. J. H. SENNER,  
*Commissioner of Immigration.*

*Report of Immigration at Philadelphia for the Week ended March 23, 1895.*

**OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of Philadelphia, March 23, 1895.**

*Number of Alien Immigrants who Arrived at this Port during the Week ended March 23, 1895; also Names of Vessels and Ports from which they Arrived.*

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1895.				
Mar. 21	Steamship Southwark.....	Liverpool and Queenstown .....	36	490
Mar. 22	Steamship Switzerland.....	Antwerp .....	3	130
	Total .....		39	620

JAS. L. HUGHES,  
*Acting Commissioner of Immigration.*

*Report of Immigration at Portland, Me., for the three Weeks ended March 17, 1895.*

**OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of Portland, Me., March 18, 1895.**

*Number of Alien Immigrants who Arrived at this Port during the three Weeks ended March 17, 1895; also Names of Vessels and Ports from which they Arrived.*

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1895.				
Feb. 26	Steamship Vancouver.....	Liverpool, England .....		86
Mar. 5	Steamship Numidian .....	do .....		6
Mar. 14	Steamship Oregon.....	do .....		9
	Total .....			101

GEORGE H. FOGG,  
*Commissioner of Immigration.*

March 29, 1895.

*Smallpox in the United States as reported to the Supervising Surgeon-General Marine-Hospital Service, January 1 to March 26, 1895.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Arkansas:</b>				
Brinkley.....	Mar. 16.....	4	.....	
Camden.....	Mar. 21.....	1	.....	
Donaldson.....	Mar. 16.....	4	.....	
Hot Springs.....	Feb. 1-Mar. 24.....	118	27	
Hollywood.....	Feb. 28-Mar. 8.....	1	1	
Malvern.....	Feb. 1-Mar. 16.....	4	.....	
<b>Connecticut:</b>				
Groton.....	Dec. 5.....	1	.....	
Windsor Locks.....	Feb. 20.....	1	.....	
<b>District of Columbia:</b>				
Washington.....	Oct. 18-Feb. 6.....	47	9	
	Feb. 24-Mar. 12.....	4	.....	
<b>Illinois:</b>				
Belvidere.....	Jan. 25.....	1	.....	
Byron.....	Jan. 11.....	1	.....	
Cairo.....	Mar. 11.....	1	.....	
Chicago.....	Jan. 1-Jan. 31.....	193	44	
Desplaines.....	Jan. 25.....	1	.....	
East Chicago.....	Jan. 17-Jan. 29.....	2	1	
Kirkland.....	Jan. 1-Jan. 9.....	1	.....	
Madison.....	Feb. 25.....	8	2	
Olney.....	do.....	1	.....	
Quincy.....	do.....	1	.....	
Sycamore.....	Jan. 24.....	2	.....	
Winnetka.....	Jan. 1-Jan. 9.....	4	.....	
<b>Indiana:</b>				
Michigan City.....	Jan. 12-Feb. 9.....	2	1	
Franklin.....	Feb. 9-Feb. 22.....	2	.....	
New Carlisle.....	do.....	2	.....	
Roby.....	do.....	1	.....	
La Porte.....	Feb. 22.....	1	.....	
Whiting.....	do.....	1	.....	
<b>Iowa:</b>				
Council Bluffs.....	Jan. 27-Feb. 2.....	3	.....	
<b>Kentucky:</b>				
Ashland.....	Mar. 25.....	4	1	
Lexington.....	do.....	25	3	
Princeton.....	do.....	1	.....	
<b>Louisiana:</b>				
Monroe.....	Feb. 10-Feb. 22.....	3	1	
New Orleans.....	Mar. 9-Mar. 21.....	4	.....	
<b>Michigan:</b>				
Bengal Township.....	Dec. 29-Jan. 16.....	4	.....	
Danby Township.....	Jan. 5.....	.....		Smallpox reported.
Detroit.....	Dec. 1-Jan. 12.....	46	15	
	Jan. 27-Mar. 2.....	27	11	
	Mar. 9-Mar. 23.....	8	.....	
Grand Rapids.....	Feb. 23-Mar. 2.....	1	.....	
Hamtramck Township.....	Jan. 21.....	1	.....	
Highland Park.....	Jan. 4.....	1	.....	
Manchester Township.....	Jan. 2.....	.....		Do.
Plymouth Township.....	Jan. 1-Feb. 6.....	4	1	
Pontiac.....	Jan. 16.....	1	.....	
Royal Oak Township.....	Jan. 22.....	1	.....	
Sebewa Township.....	Nov. 14-Jan. 16.....	12	1	
St. Johns Township.....	Jan. 2.....	.....		Do.
Three Rivers.....	Mar. 1-Mar. 7.....	1	.....	
Watersmeet Township.....	Dec. 1-Jan. 16.....	4	.....	
Ypsilanti.....	Mar. 9-Mar. 16.....	.....		Do.
<b>Mississippi:</b>				
Vicksburg.....	Mar. 26.....	1	.....	
<b>Missouri:</b>				
St. Louis.....	Jan. 12-Feb. 9.....	25	4	
	Feb. 23-Mar. 23.....	80	31	
<b>New Jersey:</b>				
Snake Hill.....	Feb. 22.....	1	.....	
Harrison.....	do.....	1	.....	
<b>New York:</b>				
Brooklyn.....	Jan. 1-Feb. 23.....	3	1	
	Mar. 2-Mar. 9.....	1	.....	
	Mar. 16-Mar. 23.....	1	.....	
New York.....	Nov. 24-Feb. 9.....	55	10	
	Feb. 9-Mar. 23.....	5	1	
Utica.....	Jan. 12-Jan. 19.....	1	.....	
Westchester.....	Feb. 23.....	1	.....	
<b>Ohio:</b>				
Cincinnati.....	Mar. 16-Mar. 22.....	27	3	
Columbus.....	Jan. 19-Jan. 29.....	2	.....	
	Mar. 9-Mar. 16.....	1	.....	

*Smallpox in the United States as reported to the Supervising Surgeon-General Marine-Hospital Service, January 1 to March 26, 1895.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Ohio—Continued.</b>				
Lima.....	Mar. 8.....	1	.....	
Mansfield.....	Jan. 4.....	1	.....	
Millersport.....	do.....	2	.....	
Toledo.....	do.....	1	.....	
<b>Pennsylvania:</b>				
Ashbourne.....	Jan. 1-Feb. 12.....	9	1	
Danville.....	Jan. 23-Feb. 12.....	1	.....	
Nazareth.....	Dec. 18-Jan. 10.....	3	.....	
Philadelphia.....	Dec. 18-Mar. 16.....	224	26	
Pittsburg.....	Jan. 1-Mar. 16.....	2	.....	
Wilkesbarre.....	Feb. 12-Mar. 2.....	1	.....	
<b>Rhode Island:</b>				
Providence.....	Feb. 12.....	1	.....	
<b>Tennessee:</b>				
Memphis.....	Mar. 3-Mar. 16.....	1	.....	
<b>Texas:</b>				
Fort Worth.....	Feb. 16-Mar. 23.....	11	1	
Marshall.....	Mar. 13.....	1	.....	
Taylor.....	Feb. 15.....	1	.....	
<b>Virginia:</b>				
Newport News.....	Feb. 24.....	1	.....	
<b>West Virginia:</b>				
Bluefields.....	Feb. 21.....	1	.....	
Wheeling.....	Mar. 18-Mar. 25.....	2	.....	
<b>Wisconsin:</b>				
Appleton.....	Jan. 5-Jan. 26.....	10	.....	
Dover.....	Mar. 2-Mar. 9.....	4	.....	
Chippewa Falls.....	Dec. 28-Jan. 5.....	1	.....	
Eau Claire.....	Feb. 9-Feb. 16.....	1	.....	
Fountain Township.....	Jan. 12-Jan. 19.....	1	1	
Franklin Township.....	Jan. 12-Jan. 19.....	1	.....	
Gibson Township.....	Jan. 19-Jan. 26.....	1	.....	
Greenfield.....	Jan. 5-Mar. 2.....	16	4	
Manitowoc Rapids.....	Dec. 22-Feb. 2.....	9	1	
Mishicot.....	Feb. 25-Mar. 2.....	6	2	
Milwaukee.....	Dec. 28-Feb. 16.....	3	1	
Rhinelander.....	Dec. 28-Jan. 26.....	15	2	
Sparta.....	Oct. 6-Mar. 23.....	524	164	
Two Rivers.....	Dec. 3-Jan. 12.....	3	1	
	Mar. 9-Mar. 23.....	6	.....	
	Jan. 12-Jan. 26.....	4	1	

**VESSELS ARRIVING AT, DEPARTING FROM, AND REMAINING AT UNITED STATES QUARANTINE STATIONS.**

**DELAWARE BREAKWATER QUARANTINE.**

*Week ended March 23, 1895.*

Four vessels inspected and passed.

**PORT TOWNSEND QUARANTINE.**

*Week ended March 16, 1895.*

Two vessels inspected and passed.

**REEDY ISLAND QUARANTINE.**

*Week ended March 16, 1895.*

Twenty-three vessels inspected and passed.

**SAN DIEGO QUARANTINE.**

*Week ended March 20, 1895.*

One vessel inspected and passed.

*Reports of States and Yearly and Monthly Reports of Cities.*

**ALABAMA**—*Mobile*.—Month of February, 1895. Population, 31,076. Total deaths, white, 19; colored, 36; total, 55, including 9 from phthisis pulmonalis.

**CALIFORNIA**.—Month of February, 1895. Reports to the State board of health from 69 cities, towns, and villages, having an aggregate population of 740,073, show a total of 900 deaths, including phthisis pulmonalis, 189; enteric fever, 22; scarlet fever, 1; diphtheria, 7; croup, 4; measles, 1; and whooping cough, 4.

**Sacramento**.—Month of February, 1895. Estimated population, 30,000. Total deaths, 46, including phthisis pulmonalis, 5; enteric fever, 1; and scarlet fever, 1.

**CONNECTICUT**—*Hartford*.—Month of February, 1895. Estimated population, 58,500. Total deaths, 115, including phthisis pulmonalis, 15; enteric fever, 1; and diphtheria, 1.

**New Haven**.—Month of January, 1895. Estimated population, 100,000. Total deaths, 178, including phthisis pulmonalis, 15; enteric fever, 3; diphtheria and croup 5; and whooping cough, 8.

Month of February, 1895. Total deaths, 149, including phthisis pulmonalis, 6; diphtheria and croup, 2; measles, 1; and whooping cough, 5.

**MASSACHUSETTS**—*Lowell*.—Month of February, 1895. Estimated population, 90,613. Total deaths, 174, including phthisis pulmonalis, 19; enteric fever, 3; diphtheria, 1; measles, 1; and whooping cough, 1.

**Northampton**.—Month of February, 1895. Estimated population, 16,400. Total deaths, 25, including phthisis pulmonalis, 3; and whooping cough, 1.

**MICHIGAN**.—Week ended March 16, 1895. Reports to the State board of health, Lansing, from 56 observers, indicate that pleuritis, inflammation of kidney, diarrhea, tonsillitis, and pneumonia increased in area of prevalence. Scarlet fever was reported present during the week at 42 places, diphtheria at 30, measles at 12, enteric fever at 7, and smallpox at 5 places—Detroit, Grand Rapids, Highland Park, Three Rivers, and Ypsilanti.

**Grand Rapids**.—Month of February, 1895. Estimated population, 80,000. Total deaths, 105, including phthisis pulmonalis, 8; enteric fever, 3; scarlet fever, 1; and diphtheria, 3.

**NEW YORK**—*Utica*.—Two weeks ended March 16, 1895. Estimated population, 50,000. Total deaths, 35, including 7 from phthisis pulmonalis.

**OHIO**—*Columbus*.—Month of February, 1895. Estimated population, 100,000. Total deaths, 120, including phthisis pulmonalis, 17; scarlet fever, 2; diphtheria, 6; croup, 1; and whooping cough, 1.

**Toledo**.—Month of February, 1895. Estimated population, 120,000. Total deaths, 52, including phthisis pulmonalis, 9; enteric fever, 2; scarlet fever, 1; diphtheria, 1; croup, 1; and whooping cough, 1.

**TENNESSEE—Chattanooga.**—Month of February, 1895. Estimated population, white, 27,000; colored, 13,000; total, 40,000. Deaths, white, 18; colored, 24; total, 42; including phthisis pulmonalis, 8; and enteric fever, 1.

**Clarksville.**—Month of February, 1895. Estimated population, white, 6,000; colored, 4,000; total, 10,000. Deaths, white, 2; colored, 8; total, 10, including 5 from phthisis pulmonalis.

**Clinton.**—Month of February, 1895. Population, 1,198. Total deaths, 2 from phthisis pulmonalis.

**Columbia.**—Month of February, 1895. Estimated population, white, 3,009; colored, 2,320; total, 5,329. Deaths, white, 5; colored, 4; total, 9, including 1 from enteric fever.

**Knoxville.**—Month of February, 1895. Estimated population, white, 31,273; colored, 9,112; total, 40,385. Deaths, white, 37; colored, 19; total, 56, including 7 from phthisis pulmonalis.

**Memphis.**—Month of February, 1895. Estimated population, white, 28,064; colored, 27,859; total, 55,923. Deaths, white, 59; colored, 61; total, 120, including phthisis pulmonalis, 25; enteric fever, 1; diphtheria, 2; and whooping cough, 1.

**Murfreesboro.**—Month of February, 1895. Estimated population, white, 3,000; colored, 2,000; total, 5,000. Deaths, white, 2; colored, 2; total, 4, including 1 from phthisis pulmonalis.

**Nashville.**—Month of February, 1895. Estimated population, white, 54,595; colored, 33,159; total, 87,754. Deaths, white, 74; colored, 78; total, 152, including phthisis pulmonalis, 20; scarlet fever, 3; and croup, 2.

**TEXAS—Laredo.**—Month of February, 1895. Estimated population, 11,350. Total deaths, 24, including phthisis pulmonalis, 4; and enteric fever, 1.

**WISCONSIN—Milwaukee.**—Month of February, 1895. Estimated population, 275,000. Total deaths, 347, including phthisis pulmonalis, 23; enteric fever, 2; diphtheria, 7; croup, 5; and whooping cough, 15.

#### PUBLICATIONS RECEIVED.

Report of the Board of Health of the City of Reading, Pa., 1894.

Eighteenth Annual Report of the State Board of Health of New Jersey, 1894.

Thirteenth Annual Report of the Board of Health of the City of Gloucester, Mass., 1895.

Report on the Health of Greater Manchester, 1891-1893.

Report of the State Board of Health of Connecticut, 1894.

Sixth Annual Report of the Board of Health of Florida, 1894.

## MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Deaths from—										
			Total deaths from all causes.	Pthisis pul- monalis.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Mesasles.	Whooping cough.
Allegheny, Pa.	Mar. 23	105,287	27	3									
Altoona, Pa.	Mar. 16	30,337	12	2						1	3		
Amesbury, Mass.	Mar. 9	9,798	5	1									
Do	Mar. 16	9,798	5	1									
Do	Mar. 23	9,798	3										
Ashtabula, Ohio	do	8,338	4										
Auburn, N. Y.	do	25,858	10	1									
Augusta, Ga.	Mar. 22	33,300	21	4									
Baltimore, Md.	Mar. 23	434,439	194	22									
Bath, Me.	Mar. 16	8,723	7	1									
Battle Creek, Mich.	Mar. 25	13,197	4	1									
Belleville, Ill.	Mar. 16	15,361	7										
Do	Mar. 23	15,361	6										
Binghamton, N. Y.	do	35,005	12	3									
Boston, Mass.	do	448,477	223	29						1	5	7	1 2
Bristol, Conn.	do	7,382	2										
Bristol, R. I.	Mar. 16	5,478	2										
Brockton, Mass.	do	27,294	11										
Brookline, Mass.	Mar. 9	12,103	5										
Do	Mar. 16	12,103	4										
Brooklyn, N. Y.	Mar. 23	806,343	439	53						1	3	37	2 4
Butler, Pa.	do	8,734	3										
Butte, Mont.	Mar. 16	10,723	3										
Cambridge, Mass.	Mar. 23	70,028	20	2									
Carlisle, Pa.	Mar. 9	7,620	3										
Do	Mar. 16	7,620	3										
Charleston, S. C.	do	* 54,955	† 37	1									
Cincinnati, Ohio.	Mar. 22	296,908	134	19	2					1	1	1	3
Cleveland, Ohio.	Mar. 23	261,353	93	3						2	4	1	1
Columbus, Ind.	Mar. 16	6,719	9	2									
Do	Mar. 23	6,719	5	1									
Columbus, Ohio	do	88,150	28	4									
Crawfordsville, Ind.	Mar. 16	6,089	3										
Dayton, Ohio	Mar. 21	61,220	29	7						1			1
Dunkirk, N. Y.	Mar. 9	9,416	1	1									
Do	Mar. 16	9,416	2	1									
Elgin, Ill.	do	17,823	10										
Do	Mar. 23	17,823	9	1									
Evansville, Ind.	do	50,756	19	4						1			
Everett, Mass.	do	11,068	9										
Fall River, Mass.	do	74,398	42	8						1			
Fitchburg, Mass.	Mar. 16	22,037	7										
Fort Worth, Tex.	do	23,076	9	2									
Grand Rapids, Mich.	Mar. 23	60,278	30	2						1			
Haverhill, Mass.	do	27,412	7	1							1		
Helena, Mont.	Mar. 16	13,834	5										
Hoboken, N. J.	do	43,648	20	1									
Houston, Tex.	do	27,557	18										2
Jamestown, N. Y.	do	16,038	7										
Jersey City, N. J.	Mar. 10	163,003	97	8						1	4		1
Do	Mar. 17	163,003	79	6						3	1		1
Johnstown, Pa.	Mar. 23	21,805	5										
Kalamazoo, Mich.	Mar. 16	17,853	2										
Keokuk, Iowa.	Mar. 21	14,101	5	2						1			
Knoxville, Tenn.	Mar. 23	22,535	15	1									
Lawrence, Mass.	Mar. 9	44,654	26	2									
Do	Mar. 16	44,654	20	1									
Lebanon, Pa.	do	14,664	11							2			
Do	Mar. 23	14,664	7										
Lowell, Mass.	do	77,696	39	8						3			
Ludington, Mich.	do	7,517	0										
Lynchburg, Va.	do	19,709	10	2									
McKeesport, Pa.	Mar. 16	20,741	6										
Massillon, Ohio.	Mar. 23	10,092	3	1									
Medford, Mass.	do	11,079	4							1			
Michigan City, Ind.	do	10,776	4										
Middletown, Ohio.	Mar. 16	7,681	1										
Do	Mar. 23	7,681	5										
Milford, Mass.	Mar. 11	8,780	4										
Do	Mar. 18	8,780	2										
Do	Mar. 25	8,780	4										
Milwaukee, Wis.	Mar. 23	204,468	81	6	2					2	5	1	1
Minneapolis, Minn.	Mar. 16	164,738	43	6									

\* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 13; colored, 24.

\*\*

## MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1860.	Total deaths from all causes.	Deaths from—								
				Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Mount Vernon, N. Y.	Mar. 16.	10,830	2									
Nashville, Tenn.	Mar. 23.	76,168	49	7								
Naugatuck, Conn.	do.	6,218	3	1								
New Bedford, Mass.	do.	40,733	21	1							1	
New Brunswick, N. J.	do.	18,603	7	1								
New Haven, Conn.	Mar. 21.	81,298	37	4								2
New Orleans, La.	Mar. 16.	242,039	206	13							4	4
Newport, R. I.	Mar. 23.	19,457	13	1							1	
Newton, Mass.	do.	24,379	8	3								
New York, N. Y.	do.	1,515,301	887	123						1	20	35
Norristown, Pa.	do.	19,791	9							1		
North Adams, Mass.	Mar. 16.	16,074	6									
Do	Mar. 23.	16,074	3	1								
Northampton, Mass.	Mar. 16.	14,990	4	1								
North Attleboro, Mass.	Mar. 2.	6,727	2									
Do	Mar. 9.	6,727	6	3								
Do	Mar. 16.	6,727	1									
Olean, N. Y.	do.	7,358	6									
Oneonta, N. Y.	Mar. 23.	6,272	3									
Ottumwa, Iowa	Mar. 16.	14,001	11	2								1
Passaic, N. J.	Mar. 23.	13,028	2									
Pensacola, Fla.	Mar. 16.	11,750	5									
Philadelphia, Pa.	do.	1,046,964	538	59	2					15	4	12
Pittsfield, Mass.	Mar. 23.	17,281	5	1								
Portland, Me.	do.	36,425	16	2						1		1
Portage, Wis.	do.	5,143	2	1								
Poughkeepsie, N. Y.	Mar. 23.	5,143	1									
Providence, R. I.	Mar. 24.	22,206	24	3								
Pueblo, Colo.	Mar. 23.	132,146	80	10							4	1
Putnam, Conn.	Mar. 16.	24,558	6	2								
Racine, Wis.	Mar. 9.	6,512	3									
Do	Mar. 23.	21,014	12									
Reading, Pa.	Mar. 25.	58,661	27	3						1		1
Richmond, Va.	Mar. 23.	81,388	34	3								
Rochester, N. Y.	do.	133,866	33	10						1	1	3
Rye, N. Y.	Mar. 16.	9,680	2									
St. Louis, Mo.	Mar. 23.	451,770	168	20	6					1	8	2
San Diego, Cal.	Mar. 16.	16,159	6									
San Francisco, Cal.	do.	298,997	113	25						1		
Santa Barbara, Cal.	do.	5,864	5	2								
Sault Ste. Marie, Mich.	do.	5,760	3									
Scranton, Pa.	Mar. 23.	75,215	35	2							1	
Seattle, Wash.	Mar. 16.	42,837	10									
Seneca Falls, N. Y.	do.	6,116	2									
Shreveport, La.	Mar. 23.	11,979	8	1								
Sioux Falls, S. Dak.	Mar. 16.	9,352	4	1								
Somerville, Mass.	Mar. 23.	40,152	15									1
Spokane, Wash.	Mar. 9.	19,922	5									
Do	Mar. 16.	19,922	3	1								
Springfield, Mass.	Mar. 23.	44,179	26	3						1		1
Sterling, Ill.	Mar. 16.	5,824	2									
Stockton, Cal.	Mar. 18.	14,424	4	1								
Superior, Wis.	Mar. 16.	11,983	7									
Taunton, Mass.	Mar. 23.	25,448	14									2
Tiffin, Ohio.	Mar. 16.	10,801	2	1								
Titusville, Pa.	do.	8,073	3									
Do	Mar. 23.	8,073	2	1								
Urbana, Ohio.	Mar. 16.	6,510	1									
Wallingford, Conn.	Mar. 25.	6,584	3									
Washington, D. C.	Mar. 16.	230,392	96	7								
Do	Mar. 23.	230,392	114	14						1		1
West Bay City, Mich.	do.	12,981	4	1								
Wilmington, Del.	do.	61,431	26							1		1
Winona, Minn.	Mar. 9.	18,208	2									
Do	Mar. 16.	18,208	3									
Worcester, Mass.	Mar. 15.	84,655	46	3							2	
Yonkers, N. Y.	Mar. 22.	32,033	15	3							2	
Youngstown, Ohio.	Mar. 23.	33,220	13							5		1

March 29, 1895.

Table of Temperature and Rainfall, Week ended March 18, 1895.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths.		
	Normal.	*Excess.	*Defic't'ncy.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.	28	.....	5	1.21	.72	.....
Portland, Me.	30	.....	4	.77	.67	.....
Northfield, Vt.	25	.....	7	.82	.....	.57
Boston, Mass.	34	.....	3	1.04	.....	.06
Block Island, R. I.	34	.....	1	.91	.94	.....
New London	35	.....	4	1.16	.28	.....
Albany, N. Y.	32	.....	6	.65	.....	.23
New York, N. Y.	36	.....	4	.91	.08	.....
Philadelphia, Pa.	38	.....	5	.70	.57	.....
Atlantic City, N. J.	37	.....	2	.91	.36	.....
Baltimore, Md.	41	.....	5	.93	.42	.....
Washington, D. C.	40	.....	3	.98	.....	.18
Lynchburg, Va.	45	.....	3	.91	.....	.27
Norfolk, Va.	46	.....	1	1.05	.....	.07
Charlotte, N. C.	50	.....	2	1.11	.12	.....
Wilmington, N. C.	53	1	.....	.98	.00	.....
Charleston, S. C.	56	.....	1	.91	1.61	.....
Augusta, Ga.	55	.....	1	1.26	3.22	.....
Savannah, Ga.	58	0	.....	.84	1.73	.....
Jacksonville, Fla.	61	4	.....	.75	.17	.....
Titusville, Fla.	65	45	.....	.70	.....	.62
Jupiter, Fla.	70	2	.....	.35	.....	.35
Key West, Fla.	72	3	.....	.28	.....	.05
<b>Gulf States:</b>						
Atlanta, Ga.	50	.....	3	1.55	2.17	.....
Mobile, Ala.	59	0	.....	1.80	1.08	.....
Montgomery, Ala.	57	0	.....	1.40	2.26	.....
Vicksburg, Miss.	58	.....	1	1.47	.....	.53
New Orleans, La.	62	2	.....	1.29	.....	1.10
Shreveport, La.	58	.....	3	1.05	.....	.06
Fort Smith, Ark.	51	.....	8	.51	.03	.....
Little Rock, Ark.	53	.....	7	1.06	.08	.....
Palestine, Tex.	59	.....	7	.98	.....	.73
Galveston, Tex.	62	.....	3	.75	.....	.74
San Antonio, Tex.	62	.....	5	.47	.....	.34
Corpus Christi, Tex.	64	.....	5	.38	.....	.15
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.	52	.....	5	1.33	.98	.....
Nashville, Tenn.	48	.....	4	1.53	.....	.34
Knoxville, Tenn.	47	.....	2	1.26	.....	.31
Louisville, Ky.	45	.....	8	.91	.....	.06
Indianapolis, Ind.	39	.....	8	.91	.....	.68
Cincinnati, Ohio.	42	.....	8	.77	.03	.....
Columbus, Ohio.	38	.....	8	.73	.....	.05
Parkersburg, W. Va.	41	.....	6	.74	.49	.....
Pittsburg, Pa.	38	.....	6	.63	.....	.13
<b>Lake Region:</b>						
Owego, N. Y.	29	.....	6	.63	.....	.39
Buffalo, N. Y.	29	.....	6	.63	.....	.32
Erie, Pa.	32	.....	8	.65	.....	.09
Cleveland, Ohio.	32	.....	7	.63	.....	.21
Toledo, Ohio.	34	.....	8	.49	.....	.39
Detroit, Mich.	33	.....	10	.55	.....	.50
Port Huron, Mich.	28	.....	8	.70	.....	.66
Alpena.	22	.....	3	.42	.....	.42
Marquette, Mich.	21	.....	5	.29	.....	.25
Grand Haven, Mich.	30	.....	8	.54	.....	.43
Milwaukee, Wis.	29	.....	6	.55	.....	.38
Chicago, Ill.	34	.....	8	.55	.....	.53
Duluth, Minn.	23	.....	7	.35	.....	.35
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.	27	.....	8	.28	.....	.23
La Crosse, Wis.	30	.....	8	.35	.....	.21
Davenport, Iowa.	34	.....	7	.49	.....	.45
Des Moines, Iowa.	34	.....	8	.28	.....	.09
Keokuk, Iowa.	37	.....	9	.49	.....	.41
Springfield, Ill.	39	.....	8	.56	.....	.51
Cairo, Ill.	46	.....	7	.84	.....	.23
St. Louis, Mo.	43	.....	8	.70	.....	.41
<b>Missouri Valley:</b>						
Springfield, Mo.	44	.....	10	.77	.....	.23
Kansas City, Mo.	42	.....	11	.42	.....	.37
Wichita, Kans.	44	.....	12	.56	.....	.53

\* The figures in these columns represent the average daily departure.

Table of Temperature and Rainfall, Week ended March 18, 1895—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths.		
	Normal.	*Excess.	*Defic'ney.	Normal.	Excess.	Deficiency.
<b>Missouri Valley—Continued.</b>						
Concordia, Kans.....	39	.....	12	.44	.....	.26
Omaha, Nebr.....	36	.....	11	.28	.....	.24
Valentine, Nebr.....	33	.....	22	.22	.15	.....
Huron, S. Dak.....	28	.....	10	.14	.....	.04
Pierre, S. Dak.....	29	.....	10	.14	.13	.....
Moorehead, Minn.....	19	.....	5	.14	.....	.14
St. Vincent, Minn.....	14	.....	8	.12	.....	.12
Bismarck, N. Dak.....	23	.....	8	.21	.....	.21
Williston, N. Dak.....	24	.....	10	.07	.....	.07
<b>Rocky Mountain Slope:</b>						
Havre, Mont.....	29	.....	19	.12	.....	.12
Helena, Mont.....	34	.....	18	.14	.08	.....
Spokane, Wash.....	40	.....	8	.33	.....	.23
Walla Walla, Wash.....	46	.....	7	.35	.....	.34
Winnemucca, Nev.....	41	.....	11	.14	.00	.....
Salt Lake City, Utah.....	42	.....	9	.42	.....	.12
Cheyenne, Wyo.....	35	.....	19	.14	.31	.....
North Platte, Nebr.....	37	.....	18	.14	.....	.05
Denver, Colo.....	40	.....	17	.14	.....	.07
Pueblo, Colo.....	42	.....	14	.07	.36	.....
Dodge City, Kans.....	43	.....	13	.20	.....	.05
Abilene, Tex.....	56	.....	10	.28	.....	.24
Santa Fe, N. Mex.....	40	.....	3	.14	.....	.04
El Paso, Tex.....	56	0	.....	.14	.....	.09
Tucson, Ariz.....	60	.....	6	.21	.....	.21
<b>Pacific Coast:</b>						
Port Angeles, Wash.....	42	.....	2	.28	.....	.25
Portland, Oreg.....	49	.....	6	1.42	.....	1.41
Roseburg, Oreg.....	49	.....	8	.70	.....	.51
Red Bluff, Cal.....	55	.....	8	.77	.....	.60
Sacramento, Cal.....	56	.....	8	.77	.....	.73
San Francisco, Cal.....	55	.....	7	.77	.....	.59
Fresno, Cal.....	55	.....	7	.28	.28	.....
Los Angeles, Cal.....	57	.....	7	.66	.65	.....
San Diego, Cal.....	57	.....	5	.32	.59	.....
Yuma, Ariz.....	65	.....	8	.07	.....	.07

\* The figures in these columns represent the average daily departure.

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## FOREIGN.

[Reports received from the United States consuls through the Department of State and from other sources.]

*Cholera and Yellow Fever as reported to the Supervising Surgeon-General M. H. S., January 4 to March 26, 1895.*

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentina:				
Buenos Ayres.....	To Jan. 10.....	125	59	
La Plata.....	Dec. 29.....	1	.....	
San Nicholas.....	do.....	7	3	
Austria-Hungary:				
Galicia.....	Dec. 3-Feb. 17.....	877	450	
Belgium.....	Nov. 18-Nov. 24.....	3	.....	
Brazil.....	Dec. 11-Feb. 4.....	.....	.....	* Cholera reported.
Rio de Janeiro.....	Jan. 25-Feb. 23.....	8	.....	
Ceylon:				
Colombo.....	Jan. 26-Feb. 2.....	8	8	
France:				
Roubaix.....	December.....	.....	3	
Germany.....	Dec. 10-Dec. 31.....	3	2	
Holland.....	Dec. 8.....	7	.....	
India:				
Bombay.....	Dec. 11-Jan. 8.....	.....	4	
Calcutta.....	Nov. 17-Feb. 9.....	365	.....	
Madras.....	Dec. 7-Feb. 15.....	.....	67	
Russia (governments):				
Archangel.....	Oct. 28-Nov. 3.....	4	3	
Baku.....	Nov. 4-Dec. 8.....	9	8	
Bessarabia.....	Nov. 11-Jan. 12.....	133	62	
Ekaterinoslav.....	Nov. 11-Dec. 15.....	35	26	
Grodno.....	Nov. 25-Dec. 8.....	61	35	
Kiev.....	Nov. 11-Dec. 29.....	161	71	
Kovno.....	Nov. 11-Dec. 29.....	98	53	
Jan. 20-Jan. 21.....	1	1		
Kurland.....	Nov. 4-Dec. 15.....	5	3	
Kursk.....	Dec. 23-Jan. 26.....	38	19	
Dec. 2-Dec. 8.....	5	3		
Lomza.....	Jan. 6-Jan. 19.....	4	3	
Lublin.....	Nov. 18-Dec. 2.....	11	8	
Minsk.....	Nov. 3-Dec. 8.....	45	14	
Nov. 16-Dec. 29.....	49	17		
Jan. 6-Jan. 12.....	5	3		
Mohilev.....	Nov. 25-Dec. 22.....	52	16	
Olonetz.....	Nov. 18-Nov. 24.....	7	4	
Pensa.....	Nov. 11-Nov. 24.....	20	12	
Perm.....	Nov. 4-Dec. 8.....	39	22	
Petrikov.....	Nov. 25-Dec. 29.....	74	37	
Jan. 4-Jan. 19.....	6	1		
Podolin.....	Nov. 11-Feb. 2.....	2,031	867	
Pskov.....	Nov. 16-Dec. 7.....	4	2	
Radom.....	Jan. 1-Jan. 26.....	20	9	
Riasan.....	Nov. 4-Jan. 5.....	52	33	
Saratov.....	Nov. 11-Dec. 29.....	26	20	
Jan. 6-Jan. 12.....	3	1		
Suwalki.....	Jan. 18-Jan. 26.....	25	10	
Tambov.....	Nov. 18-Dec. 8.....	42	16	
Taurien.....	Nov. 4-Dec. 8.....	61	35	
Dec. 30-Jan. 26.....	35	23		
Tchernigov.....	Nov. 4-Dec. 22.....	77	23	
Tiflis.....	Nov. 4-Dec. 1.....	35	11	
Volhynia.....	Nov. 4-Jan. 26.....	181	80	
Wilna.....	Nov. 11-Dec. 11.....	44	18	
Witebsk.....	Nov. 18-Dec. 29.....	55	32	
Jan. 6-Jan. 12.....	5	2		
Yaroslav.....	Nov. 11-Dec. 22.....	28	6	
Turkey:				
Adalia.....	Dec. 11-Feb. 18.....	230	127	
Bitlis.....	Jan. 3.....	.....	.....	
Constantinople.....	Dec. 23.....	4	.....	
Nov. 14-Nov. 19.....	4	2		
Dec. 16-Dec. 21.....	2	.....		
Jan. 9-Feb. 19.....	181	91		

\* Towns Cachocira, Cruzeiro; Campo Bello, Barra; Reyende, Quelenz, and Volta Redondo.

*Cholera and Yellow Fever, etc.—Continued.*

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Turkey—Continued.				
Hudavendkiar.....	Nov. 28-Dec. 21.....	18	11	
Pera.....	Feb. 21.....			
Siverek .....	Jan. 8-Jan. 21.....	48	31	
Van .....	Dec. 28.....	6	3	

## YELLOW FEVER.

Brazil:				
Rio de Janeiro .....	Dec. 1-Feb. 23.....		67	
Santos.....	Nov. 23-Jan. 5.....		6	
	Jan. 26-Feb. 9.....		9	
	Feb. 9-Feb. 23.....	75	55	
Cuba.....	Dec. 20-Mar. 14.....	74	27	
Ecuador:				
Guayaquil.....	Jan. 24-Feb. 22.....	14	8	
Mexico:				
Vera Cruz.....	Dec. 27-Jan. 24.....		5	
	Feb. 21-Feb. 28.....		1	
Salvador .....	Dec. 9-Jan. 15.....		12	
Puerto Rico .....	Nov. 21-Jan. 9.....		4	
	Feb. 28-Mar. 6.....	2	1	
Venezuela:				
Maracaibo.....	Feb. 2-Feb. 9.....		1	
West Indies:				
Curaçoa .....	Dec. 28-Jan. 5.....	3	3	

*Current Quarantine Measures.*

[From the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, March 6, 1895.]

## CHOLERA.

TURKEY.—The council of health has, by a circular issued February 13, extended the zone of infection around Constantinople as far as Schilé on the Asiatic coast of the Black Sea, and Cape Cara-Burnu on the European coast, inclusive. Arrivals from Constantinople may quarantine at Umur-Yeri or Cavak, at pleasure. Coastwise vessels which are not bound as far as Tuzla may undergo quarantine at the newly established lazaretto at Calieratia.

On February 4 medical inspection of arrivals from Assyr on the Red Sea was officially declared suspended.

GREECE.—According to advices of February 18 the five days' quarantine of arrivals from Dedeagatsch has been extended to ten days. This applies also to arrivals from Constantinople. The quarantine station is Trikeri.

MALTA.—By order of the governor arrivals from Constantinople and ports on the Sea of Marmora are subject to seven days' quarantine.

Travelers from the African coast between Algiers and Tunis are required before landing to declare at what places they were present during the twenty days preceding their arrival at Malta. If it shall appear that they have been at Bône their effects shall be disinfected before landing.

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Additions have been made to the regulations already in effect, as follows:

Quarantine for seven days to be reckoned from the commencement of the voyage with provision for handling cargo in quarantine.

The following shall be subject to a period of seven days' quarantine, but shall be permitted, under direction of the collector of customs, to discharge goods (which are not susceptible of communicating contagion) by means of the vessel's crew on lighters, or to employ for handling cargo local laborers subject to seven days' quarantine, viz: Vessels arriving from Constantinople and all ports of the Sea of Marmora. Passengers arriving by any vessel subject to quarantine are required to undergo the same restrictions as the vessel on which they arrived.

Passengers will not be permitted to land at Malta unless they declare on oath to the port authority that they have not resided or been in Constantinople for seven days previous to their arrival.

Passengers arriving on vessels having a duly qualified medical officer on board are to be allowed to land without medical inspection, provided that the medical officer in charge on board shall declare on oath that there has not been on board a case of dysentery, diarrhea, cholericine, cholera, or any disease with symptoms resembling cholera either among the passengers or the crew.

The declaration above referred to shall be countersigned by the master of the vessel.

No pilgrims traveling eastward are allowed to land.

*Goods.*—The importation of cotton seed from any port subject to quarantine is forbidden.

The importation of rags, raw silk, hair, and feathers, also of soiled wearing apparel before disinfection, is prohibited.

**EGYPT.**—The International Council of Health, under date of February 8, allows free pratique to arrivals from Constantinople after favorable report of medical inspection and the expiration of five days from the date of departure.

#### YELLOW FEVER.

**SPAIN.**—By royal proclamation of February 20, arrivals from Santos are subject to quarantine. All ports within a radius of 165 kilometers of Santos are declared suspect.

By royal ordinance of February 23 quarantine is prescribed for arrivals from Rio de Janeiro. All ports within a radius of 165 kilometers of said port are declared suspect.

#### BRAZIL.

##### *Sanitary Report of Rio de Janeiro.*

RIO DE JANEIRO, February 27, 1895.

SIR: I have the honor to transmit report for the week ended February 23, 1895: There were 5 deaths from acceso pernicioso, a decrease of 8; 8 from yellow fever, a decrease of 2; 7 from smallpox, a decrease of 5; 5 from enteric fever, an increase of 4; 1 from whooping cough, the same as in the foregoing week; 1 from cholera, a decrease of 2, and 1 each from cholericina, cholericiform enteritis, and suspected diarrhea, which are perhaps the same thing as the 6 cases of suspected diarrhea of the foregoing week; and if so, shows a decrease of 3. From all causes there were 296 deaths, an increase of 10 over the previous week.

*Cholera.*—As far as I can learn, this disease is rapidly declining in the infected districts in the interior. In Campos, where it appeared latest, it has almost disappeared. The authorities there claim that this happy result depends entirely on the strict sanitary measures taken, especially the enforcement of using only boiled water by the entire population. During the week 15 suspected cases were removed from this town to Jurijuba Bay. During the first fifteen days of this month the report from Jurijuba Hospital is as follows: Deaths from cholera morbus, 15; choleriform diarrhea, 7; choleriform enteritis, 19; cholerina, 1; acute dysentery, 1; acceso pernicioso, 1; total, 44. Unless there should be an increase, because of relaxation of the sanitary measures at present enforced, I think we may be assured that cholera is nearly at an end here. I should say that cholera and cholera morbus are interchangeable terms here.

During the year ended 31st December, 1894, there were in Santos 52 deaths from acceso pernicioso, 172 from yellow fever, and 173 from tuberculosis, the most of them in the first half of the year, yet the bills of health from that port declare "none" during that period, to which I called attention once before. I hear of no cases of cholera amongst the shipping in this port.

*Yellow fever.*—Though the weather is very hot and sultry, I hardly think there will be an epidemic this year, as the number of cases and deaths up to now are considerably less than usual. I do not remember a February as free from zymotic diseases as this one.

Since last report the following-named ships have been inspected and received bills of health from this office: February 20, American ship *City of Montreal*, for New York; February 23, British steamship *Carib Prince*, for New York; and February 25, British steamship *Lassell*, for New York.

Respectfully yours,

R. CLEARY, M. D.,  
Sanitary Inspector, M. H. S.

#### TURKEY.

##### *Cholera in Constantinople.*

(Report No. 115.)

CONSTANTINOPLE, February 12, 1895.

I wrote in my last report of January 30, 1895, that in spite of the cholera deaths occurring in Constantinople and officially registered the board of health continued to deliver clean bills of health. On the 6th instant the following notice was given out:

"By decision of the superior sanitary commission the arrivals by sea from the coast between Cavak and Calicratia on the European coast, and Cavak and Tuzla on the Asiatic coast, and which are bound to a port of Marmora, the Straits, and the European coast of the Ægean Sea up to Salonica, will be submitted to five days' quarantine at the lazaretto of Tuzla, with disinfection of the wearing apparel of the passengers and the crew. The arrivals from the same coast, bound to the Ottoman ports of the Black Sea between Cavak and Sinope, will undergo their quarantine at the lazaretto of Cavak. Ships bound to the Ottoman ports beyond Sinope will undergo their quarantine at this latter place. Ships bound to ports beyond Chanak-Kali (Dardanelles) will undergo their quarantine at Clazomene, Beirut, and Tripoli (Africa). This decision

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will be put into execution from the 7th instant. (Signed) Cozzosies, Inspector-General."

Since the 7th instant quarantine has been put into execution in order to prevent the spread of cholera to the other cities of the Empire. We must not forget that cholera cases have occurred here since the month of September, as I have already mentioned in my previous reports. (See report 105, 3d of October, 1894, and 107, the 29th of the same month.) It was on the 29th and 30th of September, ultimo, that 2 cholera cases (of which 1 proved fatal) were officially registered long before the recruits began to arrive. The latter arrived in Constantinople during the second fortnight of October, and the first cholera case officially registered occurred, as above mentioned, on the 29th of September. Since that date cholera has made other victims, but the sanitary board was prevented from publishing the cases. (See report 110 of the 28th of November.) On the 28th of last January we received the first official bulletin of the cholera cases and deaths registered since the 14th of November. I do not know why they omit the 2 cholera cases registered on the 29th and 30th of September and that 1 registered on the 29th of October. The number of cholera cases registered since the above-mentioned date, the 14th of November, is 128, and the number of cholera deaths is 60. These cholera cases have not occurred in one quarter of the capital; they are scattered all around Constantinople, among the civilians as well as among the troops, among the poor as well as among the rich. Wherever a case or cholera death occurs the place is put under a sanitary cordon and disinfected.

I can not omit to state that the sanitary cordon, as well as the disinfection, is not performed in a perfect way. It becomes a most molesting and vexatious step, without preventing the spread of the epidemic. With the sanitary cordons and quarantine trade is already ruined. The damages of the cholera epidemic are certainly not so ruinous as those of quarantine. I have already mentioned that since November 14 there were 128 cholera cases and 60 cholera deaths. Since that same date there have been registered 421 smallpox deaths, but no steps are taken in order to improve the sanitary condition of Constantinople.

SPIRIDION C. ZAVITZIANO,  
United States Sanitary Commissioner.

#### STATISTICAL REPORTS.

AUSTRALIA—*New South Wales*—*Sidney*.—Month of December, 1894. Estimated population, 416,370. Total deaths, 562, including enteric fever, 21; scarlet fever, 1; diphtheria, 8; and whooping cough, 29.

FRANCE—*Roubaix*.—Month of February, 1895. Estimated population, 120,000. Total deaths, 307, including enteric fever, 1; measles, 5; and whooping cough, 6.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns of England and Wales during the week ended March 9 corresponded to an annual rate of 35.0 a thousand of the aggregate population, which is estimated at 10,591,530. The lowest rate was recorded in Derby, viz, 16.1, and the highest in Liverpool, viz, 45.2 a thousand.

*London*.—Three thousand four hundred and seventy-one deaths were registered during the week, including measles, 23; scarlet fever, 6;

diphtheria, 34; whooping cough, 55; enteric fever, 9; and diarrhea and dysentery, 16. The deaths from all causes corresponded to an annual rate of 41.2 a thousand. In greater London 4,358 deaths were registered, corresponding to an annual rate of 37.6 a thousand of the population. In the "outer ring" the deaths included 11 from diphtheria, 3 from scarlet fever, 12 from measles, and 7 from whooping cough.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended March 9 in the 16 principal town districts of Ireland was 37.2 a thousand of the population. The lowest rate was recorded in Newry, viz, 12.1, and the highest in Lurgan, viz, 73.0 a thousand. In Dublin and suburbs 327 deaths were registered, including smallpox, 5; enteric fever, 6; and whooping cough, 3.

*Scotland.*—The deaths registered in 8 principal towns during the week ended March 9 corresponded to an annual rate of 40.9 a thousand of the population, which is estimated at 1,500,435. The lowest mortality was recorded in Greenock, viz, 28.5, and the highest in Edinburgh, viz, 44.5 a thousand. The aggregate number of deaths registered from all causes was 1,180, including smallpox, 3; measles, 72; scarlet fever, 6; diphtheria, 8; and whooping cough, 39.

*Dundee.*—Month of January, 1895. Estimated population, 160,163. Total deaths, 293, including phthisis pulmonalis, 32; scarlet fever 1; diphtheria, 3; measles, 4; and whooping cough, 5.

*NORFOLK ISLAND.*—Month of December, 1894. Estimated population, 832. Two deaths. No deaths from contagious diseases.

*NOVA SCOTIA—Windsor.*—Month of February, 1895. Estimated population, 2,750. One death.

#### MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated popula- tion.	Total deaths from all causes.	Deaths from—						
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Aix la Chapelle.....	Mar. 2.....	110,016	45	.....	.....	.....	.....	.....	.....	.....
Alexandria.....	Feb. 11.....	231,396	131	.....	3	.....	.....	.....	1	3
Do.....	Feb. 18.....	231,396	138	.....	1	.....	.....	.....	.....	1
Amherstburg.....	Mar. 16.....	2,300	1	.....	.....	.....	.....	.....	.....	.....
Amsterdam.....	Mar. 9.....	450,998	165	.....	.....	1	1	1	.....	4
Antwerp.....	Feb. 23.....	262,055	109	.....	.....	2	1	1	.....	.....
Do.....	Mar. 2.....	262,055	122	.....	.....	.....	.....	.....	.....	.....
Autofagasta.....	Jan. 31.....	14,000	13	.....	.....	1	.....	.....	.....	2
Barmen.....	Mar. 2.....	125,000	36	.....	2	.....	.....	.....	4	.....
Basle.....	Feb. 16.....	69,814	35	.....	.....	.....	.....	5	5	.....
Do.....	Feb. 23.....	69,814	49	.....	.....	.....	.....	5	5	.....
Do.....	Mar. 2.....	69,814	50	.....	.....	.....	.....	5	5	.....
Batoum.....	Feb. 16.....	20,000	9	.....	2	.....	.....	.....	.....	.....
Belfast.....	Mar. 2.....	273,277	155	.....	.....	2	2	1	3	2
Do.....	Mar. 9.....	273,277	151	.....	.....	1	1	2	2	1
Berlin.....	Feb. 23.....	1,820,340	598	.....	.....	1	17	17	3	12
Birmingham.....	Mar. 9.....	496,751	203	.....	.....	3	2	2	2	9
Bologna.....	do.....	146,068	85	.....	.....	.....	.....	1	1	.....
Bombay.....	Feb. 19.....	858,926	505	.....	.....	.....	.....	.....	.....	.....
Bordeaux.....	Feb. 24.....	252,415	153	.....	.....	.....	.....	2	2	1
Do.....	Mar. 3.....	252,415	166	.....	.....	1	1	2	2	3
Do.....	Mar. 10.....	252,415	128	.....	.....	1	1	1	1	1
Bristol.....	Feb. 23.....	228,139	115	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 9.....	228,139	142	.....	.....	2	2	2	2	4



## MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Manila.....	Feb. 9.....	400,000	113								
Mannheim.....	Mar. 2.....	88,000	33								
Maracaibo.....	do.....	38,000	19								
Do.....	Mar. 9.....	38,000	18								
Marsala.....	Feb. 16.....	40,131	22					1			
Do.....	Mar. 2.....	40,131	17		1						
Matamoras.....	Mar. 15.....	8,000	6								
Matanzas.....	Mar. 13.....	50,000	18								2
Mayence.....	Mar. 2.....	72,281	32								
Do.....	Mar. 9.....	72,281	40								
Melbourne.....	Feb. 2.....	1,140,405					5				
Do.....	Feb. 9.....	1,140,405					5				
Messina.....	Feb. 23.....	87,500	33				2				
Do.....	Mar. 9.....	87,500	21								
Montevideo.....	Feb. 16.....	241,058	56								
Moscow.....	Feb. 23.....	800,000	527								
Do.....	Mar. 2.....	800,000	525			2	1	1	7	10	3
Munich.....	do.....	369,000	242				2			7	5
Naples.....	do.....	570,000	368				6				2
New Castle on Tyne.....	Mar. 9.....	207,021	134				2				
Nogales.....	Mar. 16.....	1,500	1								
Nuremburg.....	Feb. 23.....	161,161	98			1					
Odessa.....	do.....	324,500	166				1	1			
Do.....	Mar. 2.....	324,500	162			1	2			5	1
Palermo.....	Feb. 23.....	250,000	134						9	10	1
Do.....	Mar. 9.....	250,000	170			1		2	6	8	9
Paris.....	Mar. 2.....	2,424,705	1,282			2		2	4	5	11
Do.....	Mar. 9.....	2,424,705						4	5	7	2
Paso del Norte.....	Mar. 16.....	8,000	1								5
Plymouth.....	Mar. 9.....	87,931	82								
Puerto Cortez.....	Mar. 13.....	1,500	0								
Quebec.....	Mar. 16.....	70,000									
Queenstown.....	Mar. 2.....	15,000	5								
Rheims.....	Feb. 23.....	105,408	81								
Do.....	Mar. 9.....	105,408	66								
Rio de Janeiro.....	Feb. 23.....	600,000	296	1	8	7	5				
Rome.....	Feb. 2.....	463,786	170				3		1	3	1
Do.....	Feb. 9.....	463,786	195				1		1	1	2
Rotterdam.....	Mar. 9.....	234,918	170			3					
Sagua la Grande.....	Mar. 16.....	17,536	6								
St. Etienne.....	Mar. 5.....	133,443	139								
St. Georges.....	Mar. 9.....	15,013	3								
St. Petersburg.....	Feb. 23.....	1,100,000	718			2	13	22	11	4	3
St. Stephens.....	Mar. 2.....	2,700	2								
San Juan del Norte.....	Mar. 2.....	1,280	0								
Santos.....	Feb. 16.....	30,000	35		20						
Do.....	Feb. 23.....	30,000	60		35	2					
Schiedam.....	Mar. 9.....	25,983	11								2
Sheffield.....	do.....	342,320	200								
Sonneberg.....	Do.....	12,000	5					1	1	11	1
Southampton.....	Mar. 3.....	12,000									
Do.....	Feb. 23.....	67,283	31								
Stettin.....	Mar. 9.....	67,283	38								
Stockholm.....	Mar. 2.....	133,000	57								
Stuttgart.....	Mar. 5.....	252,937	109								
Sunderland.....	Mar. 7.....	139,659	76								
Tegucigalpa.....	Mar. 9.....	137,705	73					2	1		
Trapani.....	Mar. 2.....	12,000	3								
Do.....	Feb. 16.....	43,095	11					1			
Do.....	Feb. 23.....	43,095	9					1			
Trieste.....	Mar. 9.....	43,095	13					1			
Truxillo.....	Mar. 2.....	158,314	138					1	7		
Tuxpan.....	Mar. 9.....	5,000	0								
Do.....	Mar. 2.....	10,280	8								
Vera Cruz.....	Mar. 14.....	25,500	28								
Warsaw.....	Feb. 16.....	515,654	255		2	2	8	8			4
Do.....	Feb. 23.....	515,654	223			3	1	5	2		2
Do.....	Mar. 2.....	515,654	247			1		7	1		5
Winnipeg.....	Mar. 18.....	35,500	9								
Zurich.....	Mar. 2.....	126,000	54					1			1

By authority of the Secretary of the Treasury:

WALTER WYMAN,  
Supervising Surgeon-General Marine-Hospital Service.